BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

MODIFIED - SCHEDULE - B

Balance works to Samudhaya Bhavana in Ward No.02

Work Order No:- EE (Project)/Ynk Zone/WO/ 177/2019-20 Dt:- 09/03/2020

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
1	80.7	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of the Engineer in charge.(Quantity Upto 125%).	Cum	509.1	Rupees Five Hundred Nine and Eleven Paise Only
	0.2	Quantity Above 125%	Cum	509.1	Rupees Five Hundred Nine and Eleven Paise Only
2	0.3	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of the Engineer in charge. (Quantity Upto 125%).	Cum	2754.2	Rupees Two Thousand Seven Hundred Fifty Four and Twenty Two Paise Only
	0.7	Quantity Above 125%	Cum	2754.2	Rupees Two Thousand Seven Hundred Fifty Four and Twenty Two Paise Only
3	48.4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge. .(Quantity Upto 125%).	Cum	5785.1	Rupees Five Thousand Seven Hundred Eighty Five and Eleven Paise Only
	3.5	Quantity Above 125%	Cum	5785.1	Rupees Five Thousand Seven Hundred Eighty Five and Eleven Paise Only
4	6.9	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge. .(Quantity Upto 125%).	Cum	6148.0	Rupees Six Thousand One Hundred Forty Seven and Ninety Six Paise Only
	1.3	Quantity Above 125%	Cum	6148.0	Rupees Six Thousand One Hundred Forty Seven and Ninety Six Paise Only
5	26.8	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge. .(Quantity Upto 125%).	Cum	6041.4	Rupees Six Thousand Forty One and Thirty Seven Paise Only
	6.6	Quantity Above 125%	Cum	6041.4	Rupees Six Thousand Forty One and Thirty Seven Paise Only
6	49.2	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge.	Cum	5211.4	Rupees Five Thousand Two Hundred Eleven and Thirty Six Paise Only
7	11.7	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directions of the Engineer in charge. .(Quantity Upto 125%).	Cum	227.9	Rupees Two Hundred Twenty Seven and Ninety One Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
	8.5	Quantity Above 125%	Cum	227.9	Rupees Two Hundred Twenty Seven and Ninety One Paise Only
8	3.0	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge. .(Quantity Upto 125%).	Sqm	292.5	Rupees Two Hundred Ninety Two and Fifty Four Paise Only
	3.2	Quantity Above 125%	Sqm	292.5	Rupees Two Hundred Ninety Two and Fifty Four Paise Only
9	7.1	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications and directions of the Engineer in charge.(Quantity Upto 125%).	Sqm	1035.2	Rupees One Thousand Thirty Five and Twenty Four Paise Only
	18.6	Quantity Above 125%	Sqm	1035.2	Rupees One Thousand Thirty Five and Twenty Four Paise Only
10	8.3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge. .(Quantity Upto 125%).	Sqm	354.9	Rupees Three Hundred Fifty Four and Ninety Paise Only
	10.8	Quantity Above 125%	Sqm	453.6	Rupees Four Hundred Fifty Three and Fifty Five Paise Only
11	1.4	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications and directions of the Engineer in charge .(Quantity Upto 125%)..	sqm	856.1	Rupees Eight Hundred Fifty Six and Eight Paise Only
	1.9	Quantity Above 125%	sqm	856.1	Rupees Eight Hundred Fifty Six and Eight Paise Only
12	3.7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge. (Ground Floor)	sqm	331.1	Rupees Three Hundred Thirty One and Nine Paise Only
13	4.3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge. (Second Floor)	sqm	344.7	Rupees Three Hundred Forty Four and Seventy Paise Only
14	0.8	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and First Floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. .(Quantity Upto 125%)..	Cum	6590.2	Rupees Six Thousand Five Hundred Ninety and Eighteen Paise Only
	1.9	Quantity Above 125%	Cum	6590.2	Rupees Six Thousand Five Hundred Ninety and Eighteen Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
15	0.8	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (Ground Floor) .(Quantity Upto 125%).	cum	6854.4	Rupees Six Thousand Eight Hundred Fifty Four and Thirty Seven Paise Only
	0.2	Quantity Above 125%	cum	6854.4	Rupees Six Thousand Eight Hundred Fifty Four and Thirty Seven Paise Only
16	0.9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (Second Floor)	cum	6990.4	Rupees Six Thousand Nine Hundred Ninety and Forty Four Paise Only
17	2.4	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar,with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams,staircase,and roof with M-25,complete as per specifications and directions of the Engineer in charge.	cum	6233.0	Rupees Six Thousand Two Hundred Thirty Three Only
18	0.4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge. (Ground Floor) .(Quantity Upto 125%).	MT	80467.8	Rupees Eighty Thousand Four Hundred Sixty Seven and Seventy Seven Paise Only
	0.3	Quantity Above 125%	MT	73034.0	Rupees Seventy Three Thousand Thirty Three and Ninety Eight Paise Only
19	0.3	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge. (Second Floor) .(Quantity Upto 125%).	MT	82164.1	Rupees Eighty Two Thousand One Hundred Sixty Four and Eight Paise Only
20	112.7	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of the Engineer in charge. (Compound Wall)	sqm	1034.1	Rupees One Thousand Thirty Four and Ten Paise Only
21	33.5	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of the Engineer in charge. (Second Floorl)	sqm	1113.5	Rupees One Thousand One Hundred Thirteen and Forty Eight Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
22	263.2	Providing & Fixing of Mineral Fibre Suspended Ceiling System in the module size of 600x600x19mm with exposed grid. The tiles should have Humidity Resistance(RH) of 99%, Light Reflectance 87%, Thermal conductivity k=0.052-0.057w/m K,NRC-0.7, colour white, Fire Performance UK A2 S1, do with antimicrobial coating on the face of the tile, suitable for zone 4 area according to NF S 90-35:2003 with clean room clss of ISO 5(class 100), Decontamination class of CP10 and Bactoriological cleanlines class B1 for specific strains and reduction in colony size. Washability properties of 500 wash cycles as per ASTM D-4828 and suitable for Green Building application with Recycled content of 37%. The tile shall be laid on 24mm wide T-section flanges colour white having rotary stitching on all t sections i.e. the main runner, 1200mm & 600mm cross tees with web height f 38mm and a load carrying sections should have a galvanizing of 90grmas per sqm and need to be installed with suspension system of approved make,as per specifications and directions of the Engineer in charge.	sqm	2816.6	Rupees Two Thousand Eight Hundred Sixteen and Fifty Eight Paise Only
23	206.0	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Compund Wall)	sqm	295.9	Rupees Two Hundred Ninety Five and Ninety Four Paise Only
24	28.6	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)	sqm	323.2	Rupees Three Hundred Twenty Three and Fifteen Paise Only
25	8.8	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Ground Floor)	sqm	231.3	Rupees Two Hundred Thirty One and Thirty One Paise Only
26	0.0	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)	sqm	244.9	Rupees Two Hundred Forty Four and Ninety Two Paise Only
27	27.1	Providing rough cement plastering 15mm thick(rough plastring) in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge..(Quantity Upto 125%).	sqm	246.1	Rupees Two Hundred Forty Six and Five Paise Only
	1.3	Quantity Above 125%	sqm	246.1	Rupees Two Hundred Forty Six and Five Paise Only
28	6.2	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Ground Floor)	sqm	266.5	Rupees Two Hundred Sixty Six and Forty Six Paise Only
29	6.3	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor) .(Quantity Upto 125%).	sqm	280.1	Rupees Two Hundred Eighty and Seven Paise Only
30	21.3	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification and directions of the Engineer in charge.	Sqm	88.4	Rupees Eighty Eight and Forty Four Paise Only
31	74.6	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer and directions of the Engineer in charge. .(Quantity Upto 125%).	Sqm	102.1	Rupees One Hundred Two and Five Paise Only
	1574.6	Quantity Above 125%	Sqm	102.1	Rupees One Hundred Two and Five Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
32	323.5	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer and directions of the Engineer in charge. (Ground Floor) .(Quantity Upto 125%).	Sqm	115.7	Rupees One Hundred Fifteen and Sixty Five Paise Only
	246.1	Quantity Above 125%	Sqm	115.7	Rupees One Hundred Fifteen and Sixty Five Paise Only
33	47.4	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer and directions of the Engineer in charge. (Second Floor) .(Quantity Upto 125%).	Sqm	124.7	Rupees One Hundred Twenty Four and Seventy Two Paise Only
	171.3	Quantity Above 125%	Sqm	124.7	Rupees One Hundred Twenty Four and Seventy Two Paise Only
34	6.3	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge. (Quantity Upto 125%).	sqm	720.0	Rupees Seven Hundred Twenty and Two Paise Only
	0.4	Quantity Above 125%	sqm	720.0	Rupees Seven Hundred Twenty and Two Paise Only
35	213.9	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification and directions of the Engineer in charge. (Ground Floor) (Quantity Upto 125%).	sqm	1397.0	Rupees One Thousand Three Hundred Ninety Six and Ninety Five Paise Only
36	6.3	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge. (Second Floor) .(Quantity Upto 125%).	sqm	1376.5	Rupees One Thousand Three Hundred Seventy Six and Fifty Four Paise Only
	0.4	Quantity Above 125%	sqm	1376.5	Rupees One Thousand Three Hundred Seventy Six and Fifty Four Paise Only
37	0.0	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	No	1548.9	Rupees One Thousand Five Hundred Forty Eight and Eighty Nine Paise Only
38	0.0	Providing Redsal wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	cum	68729.7	Rupees Sixty Eight Thousand Seven Hundred Twenty Nine and Seventy Two Paise Only
39	0.0	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification and directions of the Engineer in charge. - 35mm thick both side commercial.	sqm	2551.3	Rupees Two Thousand Five Hundred Fifty One and Twenty Five Paise Only

Executive Engineer
Project division
velahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
40	11.4	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame,complete as per specifications and directions of the Engineer in charge.	m	519.3	Rupees Five Hundred Nineteen and Thirty Two Paise Only
41	3.2	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain color White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot, complete as per specification and directions of the Engineer in	sqm	4317.9	Rupees Four Thousand Three Hundred Seventeen and Eighty Six Paise Only
42	1.1	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure	sqm	5028.8	Rupees Five Thousand Twenty Eight and Eighty One Paise Only
43	0.9	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure	sqm	5042.4	Rupees Five Thousand Forty Two and Forty One Paise Only
44	24.7	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of the Engineer in charge. (Quantity Upto 125%).	sqm	1855.0	Rupees One Thousand Eight Hundred Fifty Five and Four Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
45	14.6	ISOPROOF SEALER Providing waterproof treatment to roof slab using 2 coats of acrylic co polymer elastomeric ISOPROOF sealer & protector. The surface shall be prepared free of tar, dust, fungus, loose particles etc.,The surface shall be applied with basecoat of crystallization liquid and then ISOPROOF, wetting agent and liquid (1:1:6) over the prepared surface. In addition the surface shall be provided with polysulphide/ acrylic sealant to V groves, making haunch at junction of parapet and roof slab and at damaged portion using patching mortar to drain off rain water. Over this one coat of flexible cementatious membrane (FCM), Spreading 2 layers of 40 gsm non woven geotextile membrane as reinforcing material (over FCM) with one primer coat of ISOPROOF & applying second coat of ISOPROOF liquid over the primer coat - conforming to ASTM D 412 - 1992. The work shall be carried out as per the specifications and directions of the Engineer in charge. directions of the Engineer in charge..(Quantity Upto 125%).	sqm	1111.2	Rupees One Thousand One Hundred Eleven and Twenty One Paise Only
	4.5	Quantity Above 125%	sqm	1111.2	Rupees One Thousand One Hundred Eleven and Twenty One Paise Only
46	0.0	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specificaitons and direction of the Engineer-in-charge.	sqm	405.9	Rupees Four Hundred Five and Ninety Three Paise Only
47	0.0	Providing ornamental security grill.(Data Rate). (Compund Wall)	sqm	9600.3	Rupees Nine Thousand Six Hundred and Twenty Eight Paise Only
48	11.7	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the specificaitons and direction of the Engineer-in-charge. .(Quantity Upto 125%).	Cum	70.4	Rupees Seventy and Forty Three Paise Only
	8.5	Quantity Above 125%	Cum	70.4	Rupees Seventy and Forty Three Paise Only
49	13.5	Providing and fixing M.S. Gate as per Chief Architect Drawing,using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation and direction of the Engineer-in-charge. .(Quantity Upto 125%).	Sqm	3415.3	Rupees Three Thousand Four Hundred Fifteen and Twenty Eight Paise Only
	2.3	Quantity Above 125%	Sqm	3415.3	Rupees Three Thousand Four Hundred Fifteen and Twenty Eight Paise Only
50	31.5	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and direction of the Engineer-in-charge.	Sqm	107.7	Rupees One Hundred Seven and Seventy One Paise Only
51	155.8	Providing and fixing Veneer panelling, over the 50mmx35mm sal wood framework at spacing not exceeding 600mm c/c fixed to the wall and top covered out of 4mm thick approved quality vaneer, fixed over 12mm thick ply of approved brand, termite and water resistant, finished with melamine polish, complete including cost and conveyence of all materials, labour for all items of work HOM etc.., complete as per specifiation and direction of the Engineer-in-charge. (Quantity Upto 125%).	sqm	4239.6	Rupees Four Thousand Two Hundred Thirty Nine and Sixty Two Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
52	229.8	Providing and Fixing of ACP Cladding panels with Mild Steel Structure of 4mm thick with Aludecor ACP Sheet, Alloy with Aluminium frame work including Structure. Mark Aluminium base , Red Acrylic. Mild steel pipe luvers including d&#65533;cor design works along form work such Scaffolding and finishing with two coats primer painting of approved design inclusive of all materials , Labour for all item of work ,HOM of machinery, Equipments, including texture wall painting Specification, including tax and Transportation charges as per the approved design and direction of Engineer in Charge.(Data rate) (Quantity Upto 125%).	Sqm	10236.5	Rupees Ten Thousand Two Hundred Thirty Six and Fifty Two Paise Only
53	2.9	Providing flooring with 20mm thick polished Cadapa slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications and direction of the Engineer-in-charge. (Quantity Upto 125%).	sqm	1460.5	Rupees One Thousand Four Hundred Sixty and Forty Five Paise Only
	2.8	Quantity Above 125%	sqm	1460.5	Rupees One Thousand Four Hundred Sixty and Forty Five Paise Only
54	3.0	Stainless Steel Tables for Dining hall(Data rate) complete as per specifications and direction of the Engineer-in-charge.Quantity Upto 125%	Nos	10499.0	Rupees Ten Thousand Four Hundred Ninety Nine Only
55	6.0	Stainless Steel Stools for Dining hall(Data rate) complete as per specifications and direction of the Engineer-in-charge.	Nos	1364.9	Rupees One Thousand Three Hundred Sixty Four and Eighty Seven Paise Only
56	158.0	Neelkamal/supreme Plastic Moulded chairs(Superior quality) for samudhayabhavana (Data rate)	Nos	1259.9	Rupees One Thousand Two Hundred Fifty Nine and Eighty Eight Paise Only
57	0.0	Supplying ,installing and Commissioning of water Purifier with RO,semi automatic, permeate floe,rate @ 200LPH, & concentrate flow rate@800LPH etc.., complete as per the technical specification appended with the estimate with necessary fixtures & spare parts of approved make & brand etc.., complete as per direction of engineer in charge(Data rate)	Unit	189470.2	Rupees One lakh Eighty Nine Thousand Four Hundred Seventy and Twenty Paise Only
58	2.0	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, S-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed / vitreous china clay low level, flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and direction of Engineer in Charge.	Each	5450.6	Rupees Five Thousand Four Hundred Fifty and Sixty One Paise Only
59	2.0	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and direction of Engineer in Charge.	Each	4543.5	Rupees Four Thousand Five Hundred Forty Three and Fifty Paise Only
60	10.0	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	196.2	Rupees One Hundred Ninety Six and Sixteen Paise Only
61	6.0	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	159.9	Rupees One Hundred Fifty Nine and Eighty Seven Paise Only
62	4.0	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot,as per specifications and direction of Engineer in Charge.	Set	272.1	Rupees Two Hundred Seventy Two and Thirteen Paise Only
63	5.0	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Set	265.3	Rupees Two Hundred Sixty Five and Thirty Three Paise Only
64	5.0	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads ,complete as per specifications and direction of Engineer in Charge.	Set	274.4	Rupees Two Hundred Seventy Four and Forty Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
65	2.0	Providing pedestal for wash basin of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot,complete as per specifications and direction of Engineer in Charge.	Each	1020.5	Rupees One Thousand Twenty and Fifty Paise Only
66	10.0	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and direction of Engineer in Charge.For Rain water pipe. do- 110mm dia.	m	492.1	Rupees Four Hundred Ninety Two and Ten Paise Only
67	20.0	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and direction of Engineer in Charge.For Rain water pipe. do- 160mm dia.	m	967.2	Rupees Nine Hundred Sixty Seven and Twenty Paise Only
68	2.0	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and direction of Engineer in Charge.	unit	1288.1	Rupees One Thousand Two Hundred Eighty Eight and Ten Paise Only
69	8.0	Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	157.6	Rupees One Hundred Fifty Seven and Sixty One Paise Only
70	6.0	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge.	Each	941.1	Rupees Nine Hundred Forty One and Thirteen Paise Only
71	20.0	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm dia nominal bore with fittings (medium grade weight 1.27kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications and direction of Engineer in Charge.	Rmt	580.6	Rupees Five Hundred Eighty and Fifty Five Paise Only
72	25.0	Providing and fixing chlorinated poly venyl chloride(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threded fittings including fixing the pipe with clamp at 1.00m spacing.This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Conceled work including cutting chases and good the walls etc.,) 25 mm dia.	Rmt	222.2	Rupees Two Hundred Twenty Two and Twenty Four Paise Only
73	20.0	Providing and fixing chlorinated poly venyl chloride(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threded fittings including fixing the pipe with clamp at 1.00m spacing.This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Conceled work including cutting chases and good the walls etc.,) 20 mm dia.	Rmt	178.0	Rupees One Hundred Seventy Eight and Two Paise Only
74	15.0	Providing and fixing in position Brass Gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge. -20 mm dia.	Nos	381.0	Rupees Three Hundred Eighty and Ninety Eight Paise Only
75	15.0	Providing and fixing in position Brass Gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications and direction of Engineer in Charge. 25 mm dia .	Nos	509.1	Rupees Five Hundred Nine and Eleven Paise Only
76	2.0	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms, complete as per specificaitons and direction of the Engineer-in-charge.	Each	323.2	Rupees Three Hundred Twenty Three and Fifteen Paise Only
77	42.2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and direction of Engineer in Charge. 5km lead= 57+2.0x1.28x5 =69.80 Quantity Upto 125%	cum	218.0	Rupees Two Hundred Seventeen and Ninety Five Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
78	5.6	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and direction of the Engineer-in-charge. Quantity Upto 125%	cum	5692.5	Rupees Five Thousand Six Hundred Ninety Two and Forty Five Paise Only
79	16.1	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm.as per specifications and direction of the Engineer-in-charge. Quantity Upto 125%	cum	7423.0	Rupees Seven Thousand Four Hundred Twenty Three Only
80	1.1	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification.as per specifications and direction of the Engineer-in-charge Quantity Upto 125%.	Cum	75936.1	Rupees Seventy Five Thousand Nine Hundred Thirty Six and Nine Paise Only
81	0.0	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge(Data rate).	sqm	5688.4	Rupees Five Thousand Six Hundred Eighty Eight and Thirty Five Paise Only
82	1.0	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per specifications and direction of the Engineer-in-charge.	Each	1975.9	Rupees One Thousand Nine Hundred Seventy Five and Ninety One Paise Only
83	50.0	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)as per specifications and direction of the Engineer-in-charge.	Rmtr	330.9	Rupees Three Hundred Thirty and Ninety Paise Only
84	50.0	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) as per specifications and direction of the Engineer-in-charge.	Rmtr	432.6	Rupees Four Hundred Thirty Two and Fifty Five Paise Only
85	50.0	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)as per specifications and direction of the Engineer-in-charge.	Rmtr	481.2	Rupees Four Hundred Eighty One and Twenty Two Paise Only

Contractor

Executive Engineer
Project division
velahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
86	50.0	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)complete as per specifications and direction of Engineer in Charge.	Rmtr	508.3	Rupees Five Hundred Eight and Twenty Five Paise Only
87	50.0	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) as per Specification and direction	Rmtr	588.3	Rupees Five Hundred Eighty Eight and Twenty Seven Paise Only
88	50.0	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)as per specifications and direction of the Engineer-in-charge.	Rmtr	630.5	Rupees Six Hundred Thirty and Forty Five Paise Only
89	70.0	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty P as per specifications and direction of the Engineer-in-charge.	Rmtr	1391.1	Rupees One Thousand Three Hundred Ninety One and Eleven Paise Only
90	18.0	Providing 250mm dia PVC Pipe 6kg/cmas per specifications and direction of the Engineer-in-charge.	Rmtr	1154.9	Rupees One Thousand One Hundred Fifty Four and Eighty Nine Paise Only
91	1.0	Providing and fixing 160mm Borewell Cap P. iii, I as per specifications and direction of the Engineer-in-charge.	Each	105.0	Rupees One Hundred Four and Ninety Nine Paise Only
92	1.0	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps as per specifications and direction of the Engineer-in-charge.	No	63414.0	Rupees Sixty Three Thousand Four Hundred Thirteen and Ninety Six Paise Only
93	260.0	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications.	M	452.5	Rupees Four Hundred Fifty Two and Fifty Paise Only
94	540.0	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 4 Sqm mm	Mtr	133.0	Rupees One Hundred Thirty Three and Two Paise Only
95	130.0	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)	Each	92.4	Rupees Ninety Two and Thirty Nine Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
96	1.0	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,complete as per specifications and direction of Engineer in Charge.	Each	317.1	Rupees Three Hundred Seventeen and Six Paise Only
97	30.0	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 core 16 Sqmm	Mtr	147.4	Rupees One Hundred Forty Seven and Forty Paise Only
98	30.0	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm)	Mtr	11.3	Rupees Eleven and Thirty Three Paise Only
99	25.0	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) complete as per specifications and direction of Engineer in Charge.2014-15 For Cutting Road Surface	Mtr	89.2	Rupees Eighty Nine and Twenty Four Paise Only
100	4.0	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15 40mm dia GI pipe	Mtr	362.2	Rupees Three Hundred Sixty Two and Twenty One Paise Only
101	1.0	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I.No. 7.13.2	No	294.0	Rupees Two Hundred Ninety Three and Ninety Seven Paise Only
102	1.0	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia,complete as per specifications and direction of Engineer in Charge.	No	2863.1	Rupees Two Thousand Eight Hundred Sixty Three and Seven Paise Only
103	6.0	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	189.0	Rupees One Hundred Eighty Eight and Ninety Eight Paise Only
104	1.0	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO	No	1658.2	Rupees One Thousand Six Hundred Fifty Eight and Twenty One Paise Only
105	1.0	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete as per specifications and direction of Engineer in Charge.	No	239.3	Rupees Two Hundred Thirty Nine and Twenty Seven Paise Only
106	4.0	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete as per specifications and direction of Engineer in Charge.	No	109.5	Rupees One Hundred Nine and Fifty Paise Only
107	1.0	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN complete as per specifications and direction of Engineer in Charge.	No	1624.2	Rupees One Thousand Six Hundred Twenty Four and Nineteen Paise Only
108	23400.0	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete complete as per specifications and direction of Engineer in Charge.	Sqcm	0.3	Thirty Four Paise Only
109	1.0	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP complete as per specifications and direction of Engineer in Charge.	No	6911.5	Rupees Six Thousand Nine Hundred Eleven and Forty Nine Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
110	112.5	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. complete as per specifications and direction of Engineer in Charge.	Cum	197.4	Rupees One Hundred Ninety Seven and Thirty Eight Paise Only
111	250.0	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., complete as per specifications and direction of Engineer in Charge.	Rmtr	164.8	Rupees One Hundred Sixty Four and Eighty Three Paise Only
112	112.5	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and direction of Engineer in Charge.	Cum	64.0	Rupees Sixty Four and Four Paise Only
113	3.0	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leadscomplete as per specifications and direction of Engineer in Charge.	Each	2225.8	Rupees Two Thousand Two Hundred Twenty Five and Seventy Eight Paise Only
114	50.0	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary (Item No. - 1.2) 25mm dia 2mm thickas per specifications and direction of Engineer in Charge.	Mtr	59.8	Rupees Fifty Nine and Eighty Four Paise Only
115	40.0	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (Item No. - 1.3) 25mm dia 2mm thick as per specifications and direction of Engineer in Charge.	Mtr	60.9	Rupees Sixty and Eighty Nine Paise Only
116	40.0	40mm dia 2.5mm thick (Item No. - 1.3.4)as per specifications and direction of Engineer in Charge.	Mtr	106.0	Rupees One Hundred Six and Three Paise Only
117	45.0	Supplying PVC/GI flexible conduit pipe...mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely (Item No. - 1.9) 20mm as per specifications and direction of Engineer in Charge.	Mtr	24.1	Rupees Twenty Four and Fourteen Paise Only
118	30.0	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall as per specifications and direction of Engineer in Charge.	Mtr	22.0	Rupees Twenty Two and Four Paise Only
119	35.0	upto 50mm conduit CC floor as per specifications and direction of Engineer in Charge.	Mtr	39.9	Rupees Thirty Nine and Eighty Nine Paise Only
120	7.0	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch box as per specifications and direction of Engineer in Charge.	Point	151.2	Rupees One Hundred Fifty One and Eighteen Paise Only
121	15.0	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box as per specifications and direction of Engineer in Charge.	Point	225.7	Rupees Two Hundred Twenty Five and Seventy Two Paise Only
122	18.0	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box as per specifications and direction of Engineer in Charge.	Point	350.7	Rupees Three Hundred Fifty and Sixty Six Paise Only
123	20.0	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm as per specifications and direction of Engineer in Charge.	Mtr	19.5	Rupees Nineteen and Fifty Two Paise Only
124	30.0	2.5 sqmm	Mtr	30.7	Rupees Thirty and Sixty Five Paise Only

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
125	50.0	4 sqmm	Mtr	44.2	Rupees Forty Four and Twenty Paise Only
126	10.0	6 sqmm	Mtr	67.0	Rupees Sixty Six and Ninety Eight Paise Only
127	40.0	10 sqmm	Mtr	113.4	Rupees One Hundred Thirteen and Thirty Eight Paise Only
128	15.0	SWITCHES SOCKETS & ACCESSORIES Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way as per specifications and direction of Engineer in Charge.	Each	95.5	Rupees Ninety Five and Fifty Four Paise Only
129	18.0	6Way	Each	127.0	Rupees One Hundred Twenty Seven and Three Paise Only
130	8.0	8Way	Each	147.0	Rupees One Hundred Forty Six and Ninety Eight Paise Only
131	7.0	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module as per specifications and direction of Engineer in Charge.	Each	114.4	Rupees One Hundred Fourteen and Forty Three Paise Only
132	4.0	6 Module	Each	181.6	Rupees One Hundred Eighty One and Sixty Three Paise Only
133	15.0	8 Module	Each	210.0	Rupees Two Hundred Nine and Ninety Eight Paise Only
134	4.0	12 Module	Each	280.3	Rupees Two Hundred Eighty and Thirty Two Paise Only
135	9.0	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 15Watts 230V CFL lamp. as per specifications and direction of Engineer in Charge.	Each	999.5	Rupees Nine Hundred Ninety Nine and Fifty Paise Only
136	11.0	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply. as per specifications and direction of Engineer in Charge.	Each	680.3	Rupees Six Hundred Eighty and Thirty Three Paise Only
137	15.0	LED Indoor Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts as per specifications and direction of Engineer in Charge.	Each	1862.5	Rupees One Thousand Eight Hundred Sixty Two and Fifty Two Paise Only
138	18.0	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition.	No	1961.2	Rupees One Thousand Nine Hundred Sixty One and Twenty One Paise Only
139	12.0	Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition. as per specifications and direction of Engineer in Charge.	No	5191.8	Rupees Five Thousand One Hundred Ninety One and Seventy Five Paise Only
		EIRL ITEM			

Contractor

Executive Engineer
Project division
yelahanka Zone

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. GOPIREDDY	
				In figures	In words
E1	38.3	Providing and Fixing pre cast covering Slab 100 mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge(Data rate)	sqm	2337.0	Rupees Two Thousand Three Hundred Thirty Seven Only
E2	753.0	Stone cleaning using biodegradable liquid solution The granite stone surface to be cleaned by means of coconut wire brush and dry cloth and there after apply safe N easy/Equivalent Bio-degradeable liquid solution on the cleaned surface with Nilon brush or sponge to an extent, towards upwards from the bottom, approximate 1 liter covers 10 Sqmtr and let the soaked surface react with the applied chemical, the depositis of dust , dirt and other material depositis on the surface and finally to be cleaned after two hours of application. connect a water pipe with water source to wash with pressure of 130ps per seccound on the safe nN easy/equivalent bio-degradable liquid solution applied surface, untill the deposit of dirt, hydro corbon soils and alge from the surface and pores of the substrate is completely removed. The principal properties of the stone is to be retained without any slightest pitting on the surface to dry from the natural environment fopr a day or 24hrs. the process should include all chemical materials, labour application, tools, high pressure water jet machine, safety procedures like hand gloves, helmet, safety belt gum boots, scaffolding, transportation etc., as per the instructions of the engineer-in-charge of the work. The Bio-	Sqm	412.7	Rupees Four Hundred Twelve and Seventy Three Paise Only
		GST @ 12%			

Executive Engineer
Project division
yelahanka Zone

Contractor

Executive Engineer
Project division
yelahanka Zone